

Chapter 1 Preview
Tools of Geometry
Geometry

Name _____

Date _____

Define the following:

- | | |
|---------------------------|--------------------------|
| 1. Undefined Term | 32. Linear Pair |
| 2. Point | 33. Vertical Angles |
| 3. Line | 34. Complementary Angles |
| 4. Plane | 35. Supplementary Angles |
| 5. Collinear | 36. Perpendicular |
| 6. Coplanar | 37. Polygon |
| 7. Intersection | 38. Vertex of a Polygon |
| 8. Definition | 39. Concave |
| 9. Defined Term | 40. Convex |
| 10. Space | 41. n -gon |
| 11. Line Segment | 42. Equilateral Polygon |
| 12. Betweenness of Points | 43. Equiangular Polygon |
| 13. Between | 44. Regular Polygon |
| 14. Congruent Segments | 45. Perimeter |
| 15. Construction | 46. Circumference |
| 16. Distance | 47. Area |
| 17. Midpoint | 48. Polyhedron |
| 18. Segment Bisector | 49. Face |
| 19. Ray | 50. Edge |
| 20. Opposite Rays | 51. Vertex |
| 21. Angle | 52. Prism |
| 22. Side | 53. Base |
| 23. Vertex | 54. Pyramid |
| 24. Interior | 55. Cylinder |
| 25. Exterior | 56. Cone |
| 26. Degree | 57. Sphere |
| 27. Right Angle | 58. Regular Polyhedron |
| 28. Acute Angle | 59. Platonic Solid |
| 29. Obtuse Angle | 60. Surface Area |
| 30. Angle Bisector | 61. Volume |
| 31. Adjacent Angles | |

You *should* be able to do the following objectives:

1. How do you identify and model points, lines, and planes?
2. How do you identify intersecting lines and planes?
3. How do you measure segments?
4. How do you calculate with measures?
5. How do you find the distance between two points?
6. How do you find the midpoint of a segment?
7. How do you measure and classify angles?

8. How do you identify and use congruent angles and the bisector of an angle?
9. How do you identify and use special pairs of angles?
10. How do you identify perpendicular lines?
11. How do you identify and name polygons?
12. How do you find perimeter, circumference, and area of two-dimensional figures?
13. How do you identify and name three-dimensional figures?
14. How do you find surface area and volume?

If you can give a good definition for each term without having to look it up, then you should be ready to identify these terms for application. If you can describe a method as to how to perform each of the objectives, then you should be ready to perform these tasks. If there are any terms or objectives that you are unsure about, then these are the things you want to take extra time studying.